ACM Conferences

Through its Special Interest Groups, ACM sponsors more than 120 conferences annually in locations throughout the world. At these venues, leaders in information technology and computing meet to exchange, debate, and connect with professional peers and global experts. Most of these technology gatherings publish proceedings, which are archived and accessible through the ACM Digital Library.

ACM SIG conferences provide objective arenas for presenting and discussing cutting-edge research and competing ideas. They attract international leaders, advance the state-of-the-art in dozens of computing disciplines, and link practitioners, executives, researchers and academics.

Many of these conferences have become premier world events for key areas of computing and information technology. **http://campus.acm.org/calendar**

Among the many popular ACM conferences are:

ACM SIGGRAPH Conference

The international conference on computer graphics and interactive techniques sponsored by ACM SIGGRAPH attracts artists, research scientists, developers, and academics from many countries, as well as hundreds of companies presenting exhibits. The strength of SIGGRAPH and the importance of computer graphics are evident from the collaborative spirit and consistently high attendance level.

ACM SIGCHI Conference

The CHI conference is the leading international forum for the exchange of ideas and information about computer-human interaction. This conference continues the tradition of showcasing the best of HCI while moving to new horizons, including the consequences of using broadband servers and mobile devices as well as desktop office machines. Special focus areas include Mass Communication and Interaction, and e-Learning among others.

ACM Conferences (cont'd)

SC Supercomputing Conference

Supercomputing, the high performance computing, networking, storage and analytics conference, is sponsored by ACM and IEEE Computer Society. SC brings technology leaders from around the world together to explore everything from the study of tsunamis to the aerodynamics of household products to the future and potential of supercomputing in biotechnology, weather research, astronomy, drug research, wearable sensors and many other applications. This world-renowned conference demonstrates how this field touches all scientific disciplines, promotes interdisciplinary projects, and affects the educational process through the use of computers in modeling and simulation in the classroom.

OOPSLA Conference

The Object-Oriented Programming, Systems, Languages and Applications Conference is sponsored by ACM SIGPLAN, the Special Interest Group on Programming Languages. OOPSLA is the conference of choice for a broad range of professionals and students. With a strong tradition of spawning many state-of-the-art technologies and practices, OOPSLA features the people who have built the mainstream, challenge the mainstream, and are inventing the future.

ACM SIGCOMM Conference

The conference of ACM's Special Interest Group on Data Communication, SIGCOMM is sponsored by the world's foremost data communications organization. SIGCOMM offers a professional forum for communications and computer networks, including technical design and engineering, regulation and operations, and the social implications of computer networking. It also includes a poster session, tutorials and workshops.

Conference on Programming Language Design and Implementation (PLDI)

PLDI, sponsored by ACM SIGPLAN in cooperation with ACM SIGSOFT, is an international forum for the latest practical and experimental work and original research in the design and implementation of programming languages. It attracts researchers, developers, educators, and practitioners with presentations, workshops, and tutorials covering transactions, compilers, dynamic techniques, memory safety, and language constructs. Among the key topics are novel language designs, innovative and creative approaches to compile-time and run-time technology, and results from experimental studies of actual implementations.

ACM SIGMOD Conference

The annual SIGMOD conference, sponsored by ACM's Special Interest Group on Management of Data, explores cutting-edge ideas and results. Database researchers, developers and users exchange techniques, tools, and experiences with international colleagues. SIGMOD is held in conjunciton with the Principles of Database Systems (PODS) symposium, which provides a premier forum for advances in the theoretical foundation of database systems.

ACM Symposium on Operating Systems Principles (SOSP)

SOSP is sponsored by ACM's Special Interest Group on Operating Systems. This biennial ACM event is the world's premier forum for researchers, developers, programmers, vendors and teachers of operating system technology. Participants from academia and industry benefit from presentations on the best innovative work in the systems software area, including research that covers the full range of theory and practice.

View the entire ACM Conference Calendar at:
http://campus.acm.org/calendar

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